Anirudh Sunil

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EDUCATION

University of Illinois Urbana-Champaign   Urbana, IL
Bachelor of Science in Mathematics and Computer Science   *Dec. 2026*

- **Coursework**: Computer Architecture, Data Structures, Abstract Linear Algebra, Discrete Mathematics, Algorithms, Graph Theory, Probability and Statistics, Systems Programming, Numerical Methods, Differential Equations.

EXPERIENCE

University of Chicago   Remote
Research Assistant   *Jan. 2026 – May 2026*

- Improve scientific artifact discoverability and reproducibility for Trovi by discovering, evaluating, and integrating research artifacts
- Normalize metadata and write concise summaries to enhance data accessibility and utility
- Engage with authors, refine curation tools, and analyze coverage and trends to support the Chameleon project

National Center for Supercomputing Applications   Urbana, IL
Data Analyst Intern   *Aug. 2025 – Dec. 2025*

- Preprocessed geospatial and socioeconomic feature data for the Amazon in Brazil, enhancing data quality for analysis.
- Conducted data modeling, analysis, and predictive assessments to provide insights for decision-making processes.
- Created maps and other data visualizations with Python, facilitating better understanding of complex data sets.
- Assisted in the development, training, validation, and testing of machine learning algorithms, improving model accuracy.

Warmly, (YC S20)   San Francisco, CA
Software Engineer Intern   *Jun. 2025 – Aug. 2025*

- Implemented Salesflow email integration with TypeScript to optimize customer outreach by 87%.
- Integrated CRM system with React, Postgres, and SQL to simulate sales team interactions with Redis server for authentication, improving data management.

Prancer Enterprises   Remote
Software Engineer Intern - Cloud Security   *Jun. 2022 – Aug. 2022*

- Configured AWS S3 buckets to organize layout, improving data access efficiency by 130%.
- Reconfigured Kubernetes pods to optimize resource allocation, enhancing the performance of clusters and nodes.
- Established secure connections to regulate SQL databases, successfully preventing 10 injection attacks.
- Utilized Shift Left Security tools (Burp Suite, OWASP ZAP, DirBuster) to secure websites and reduce vulnerabilities.

PROJECTS

Rankd | *NextJS, Tailwind CSS, Supabase* | Link

- Designed a web app that allows users to play a ranking game for companies and brainrot characters.
- Implemented ELO Ranking algorithm that updates leaderboard continuously; scaled to handle 150+ users.
- Updated security measures for POST requests in database and decreased request latency by 25%.

LLMJudge | *Firebase, TypeScript, Tailwind CSS* | Link

- Developed a web app that benchmarks prompts and LLM outputs based on length and tone.
- Evaluated Gemini 2.0 Flash output with Perplexity Sonar, R1-1776, and Llama 3 via API calls.
- Stored data for prior prompts and scores in CSV and visualized overall evaluation scores with bar charts.